



US Army Corps
of Engineers

Construction Bulletin

No. 95-21 Issuing Office: CEMP-CE Issue Date: 9/8/95 Exp. Date: 31 DEC 97

CEMP-C

Subject: Update on Construction Quality Management for Contractors

Applicability: INFORMATION

1. We have now been teaching the course "Construction Quality Management for Contractors" at various districts for about a year. In this period we have had many questions about how this training should be implemented; who should be taught, how much it should cost, how long the certificate is good for, how soon after award of a contract must the QC chief obtain the training, etc. These are all good questions and we will attempt to cover all areas brought to our attention in this construction bulletin.

a. The instructor must be a Corps employee with extensive experience in construction quality management, a thorough knowledge of the course material and have some experience in instruction. Local reproduction of the material provided is authorized, i.e., student manual and video tape. It is estimated that reproduction of the student manual would cost about \$25.00 each to include a binder. Classes should be held in a government facility if possible to keep the costs down. The contractor can be charged the cost of reproducing the student study guide and cost of class room rental if government facilities are not available. It is estimated that the cost to the contractor for the course materials and class room (if latter is commercially provided) should not exceed \$50.00 per student. The cost of the instructor's time will not be charged to the contractor.

b. To successfully complete the training the student must obtain a score of at least 70 on the post test. At the successful conclusion of training, contractor personnel will be given a certificate of completion. The completion certificate provided with the training package by Huntsville Training Division

will be used. The district shall keep a record of all personnel trained by name, company and job title. This is necessary to confirm that an individual has had the training if he/she presents a certificate issued by a different district. The certificate should also contain the name and phone number of the District POC to make verification easier. This training certificate is good for five years and the expiration date should be included on the certificate. After that time the training must be retaken.

c. All parties will receive the most benefit from the mutual understanding meeting if the QC manager has had the required training before the meeting is held. It is therefore best if the district tries to preschedule the training based on their projected execution schedules. Partnering may demand individualized training for complex projects to accommodate contractors' needs and to facilitate development of the Corps/Contractor quality management team in a partnering process. Each QC manager shall be required to obtain the training within 90 days of the NTP if he/she does not have the required certification.

d. The course material will take about 12 hours to complete in a formal classroom situation allowing adequate time for student participation, pre and post tests, classroom breaks and lunch. These sessions can serve the additional benefit of facilitating team building spirit between contractor and corps personnel.

e. Because this training requirement is new there are many contractor personnel who are trying to get it. It is the intent of the Corps to teach all our contractor personnel how the Construction Quality Control/Quality Assurance system works. With this thought in mind our training must first be directed at the personnel who have contracts requiring the QC manager to have this training. The second priority would go to contractor QC managers who have ongoing contracts who want to take the training. The third priority would be to train subcontractors QC managers who have ongoing contracts.

2. A separate course is being developed for dredging contracts. It is being budgeted for FY96. Until this course has been fielded dredging contractors will be required to attend the existing course. Mr. Charles Harris, CEMP-CE (202-761-8801) and Mr. Tom Verna, CECW-OD (202-761-8842) are the HQUSACE point's of contact for this new course.

CEMP-CE

SUBJECT: Update on Construction Quality Management for
Contractors

3. This Construction Bulletin has been coordinated with HQUSACE Operations, Construction and Readiness Directorate (CECW-OC). Suggestions for revision to the training and tape should be sent to HQUSACE, ATTN: CEMP-CE, 20 Massachusetts Avenue N.W., Washington, D.C. 20314-1000. My point of contact is Mr. Terry Wilford at (202) 272-8652.



CHARLES R. SCHROER
Chief, Construction Division